

STATE OF MISSOURI
GEOLOGICAL SURVEY PROGRAM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

FORM OGC-3

RECEIVED

OCT 10 2012

Missouri Oil & Gas Council

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☒ FOR AN OIL WELL ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR

Kansas Resource Exploration and Development, LLC

DATE

10/02/2012

ADDRESS

9393 West 110th St., Suite 500

CITY

Overland Park

STATE

KS

ZIP CODE

66210

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE

Walton

WELL NUMBER

KR-18

ELEVATION (GROUND)

1050'

WELL LOCATION

(GIVE FOOTAGE FROM SECTION LINES)

3465

ft. from ☐ North ☒ South section line

2475

ft. from ☒ East ☐ West section line

WELL LOCATION

Sec. 4 Township 46 North Range 33 ☐ East ☒ West

LATITUDE

N38 50' 28.230"

LONGITUDE

W94 34' 25.970"

COUNTY

Cass

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 820 750 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 75 FEET

PROPOSED DEPTH

700'

DRILLING CONTRACTOR, NAME AND ADDRESS

Utah Oil, LLC

ROTARY OR CABLE TOOLS

Rotary

APPROX. DATE WORK WILL START

10/20/2012

NUMBER OF ACRES IN LEASE

85.58

NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 40

NUMBER OF ABANDONED WELLS ON LEASE 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

NAME DE Exploration

ADDRESS 4595 Highway K33, Wellsville, KS 66092

NO. OF WELLS PRODUCING 30

INJECTION 9

INACTIVE 0

ABANDONED 0

STATUS OF BOND

☐ SINGLE WELL

AMOUNT \$

☒ BLANKET BOND

AMOUNT \$ 160,000

☒ ON FILE☐ ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)

PROPOSED CASING PROGRAM

APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST

AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
20'	8 5/8"	20	6 sks	20'	8 5/8"	20	Full Length
700'	4 1/2"	11.6	125 sks	700'	4 1/2"	11.6	

I, the Undersigned, state that I am the C.O.O. of the K.R.E.D. (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE

BK

DATE

10/9/12

PERMIT NUMBER

21083

APPROVED DATE

3-15-13

APPROVED BY

Joseph A. [Signature]

☒ DRILLER'S LOG REQUIRED☒ E-LOGS REQUIRED IF RUN☒ CORE ANALYSIS REQUIRED IF RUN☒ DRILL SYSTEM TEST INFO REQUIRED IF RUN☐ SAMPLES REQUIRED☒ SAMPLES NOT REQUIRED☐ WATER SAMPLES REQUIRED AT

NOTE

THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, B. Leech of the Utah Oil (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE

B. Leech

DATE

10/9/12



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
WELL LOCATION PLAT

FORM OGC-4

OWNER'S NAME

Kansas Resource Exploration & Development

LEASE NAME

Walton KR-18

COUNTY

Cass

WELL LOCATION

(GIVE FOOTAGE FROM SECTION LINES)

3465 ft. from ☐ North ☒ South from section line 2475 ft. from ☒ East ☐ West from section line

WELL LOCATION ✓

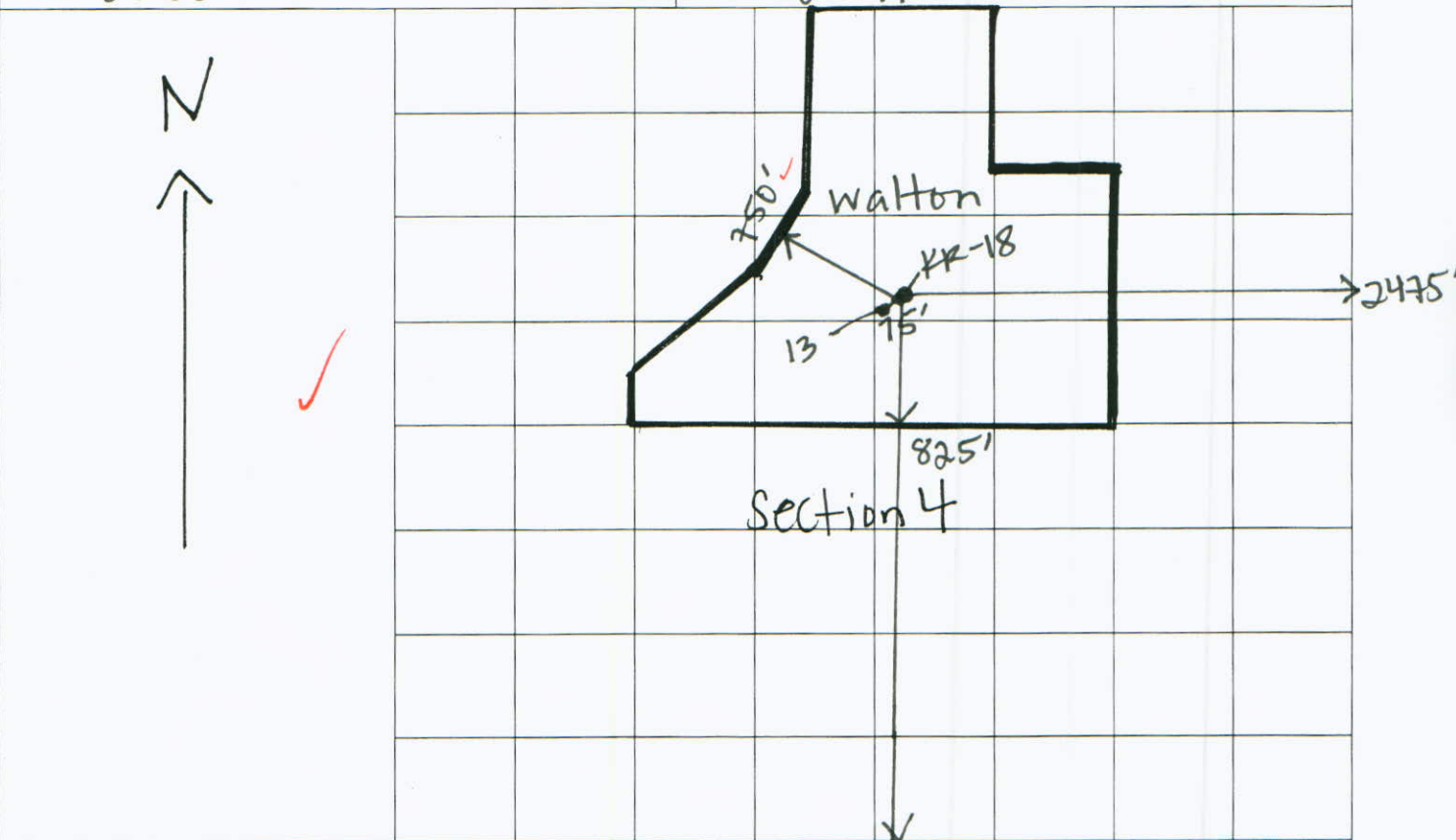
Sec. 4 Township 46 North Range 33 ☐ East ☒ West

LATITUDE

N38° 50' 28.23" ✓

LONGITUDE

W94° 34' 25.97" ✓



REMARKS

1 square = 660 feet

plugged 13 1/1/13
037 - 05729

Well #13 will be plugged before completion of KR-18

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

REMIT TWO (2) COPIES TO:

GEOLOGICAL SURVEY PROGRAM
PO BOX 250, ROLLA, MO 65402-0250 (573) 368-2143
ONE (1) COPY WILL BE RETURNED

REGISTERED LAND SURVEYOR

NUMBER



Missouri Department of Natural Resources

Geographic Information Systems

Check Location

Select a coordinate format, enter a pair of coordinates in the boxes below it, and then press the SUBMIT button. Please be patient while your information is retrieved. Your coordinates will be converted to the other formats, the information on the right-hand side of the page will be filled in based on your coordinates, and a map will be generated. NOTE: All coordinates must use the North American Datum of 1983 (NAD83).

<input type="button" value="Submit"/>			
<input checked="" type="radio"/> Universal Transverse Mercator [Zone 15 North]			
Easting	363407.05956895696 meters		
Northing	4300328.6062471075 meters		
<input type="radio"/> Decimal Degrees			
Latitude	38.841175 °		
Longitude	-94.57388055555555 °		
<input checked="" type="radio"/> Degrees, Minutes and Seconds			
Latitude Degrees	38 °		
Latitude Minutes	50 '		
Latitude Seconds	28.23 "		
Longitude Degrees	-94 °		
Longitude Minutes	34 '		
Longitude Seconds	25.97 "		













UTM Zone 15N [Easting, Northing]	[363407.0, 4300328.6] meters
Decimal Degrees [Lat, Lon]	[38.841175°, -94.573881°]
Deg, Min, Sec [Lat, Lon]	[38° 50' 28.2", -94° 34' 25.9"]
County Name	Cass
County FIPS Code	037
Legal Description	Section 04 T46N R33W
Municipality	Belton
House District	123
Senate District	31
Congressional District	5
MoDNR Region	Kansas City Regional Office
USGS 1:24,000 Quadrangle	Belton [38094-G5]
8 Digit Watershed	10300101 [Lower Missouri-Crooked]
10 Digit Watershed	1030010101 [Blue River]
12 Digit Watershed	103001010104 [Camp Branch-Blue River]
Special Well Drilling Area	Area 2
Ecological Drainage Unit	Central Plains/Blackwater/Lamine
Level III Ecoregion	Central Irregular Plains
Query Time	5.937 s

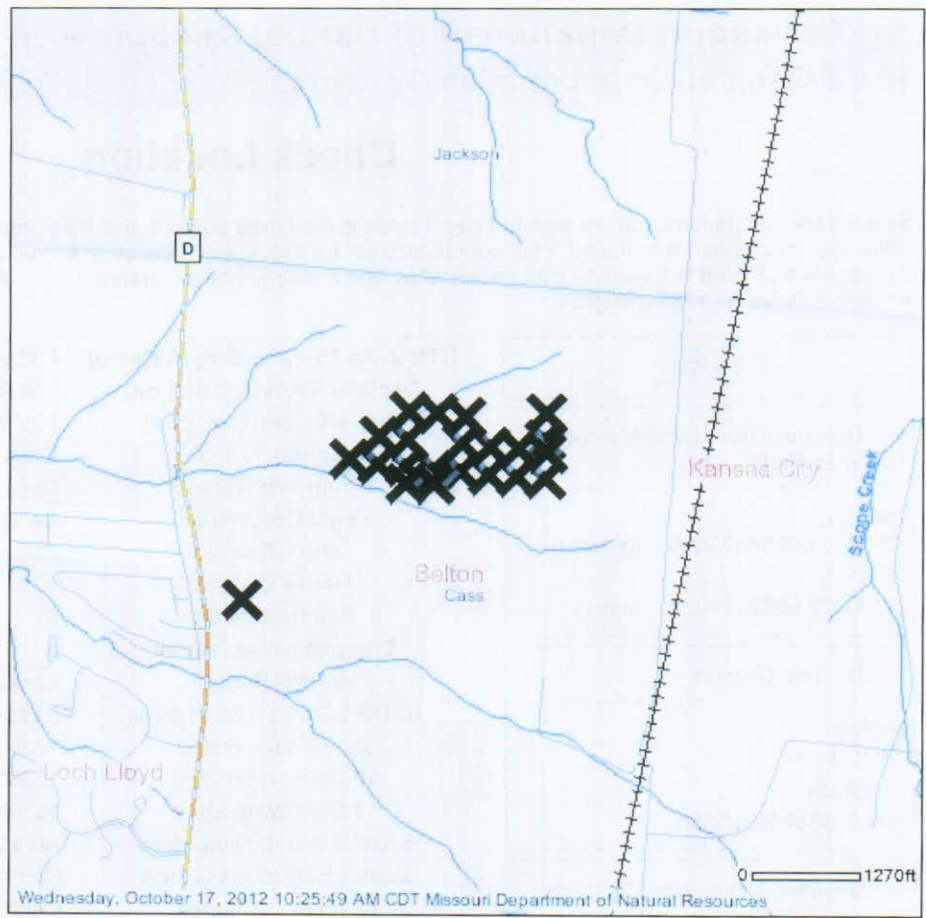
Rows with **re** text indicate that the input location is too close to a boundary to produce reliable results.

NOTE: A result of 'NO VALUE' is usually an indication that no data was found for the location. For example, not every point in Missouri will lie within a municipal boundary, so some will result in a 'NO VALUE'. If 'County Name' results in 'NO VALUE', your point probably lies outside the state.

Metadata

- [Interstate Highways](#)
- [US Highways](#)
- [State Highways](#)
- [Railroad](#)
- [Major and Minor Roads](#)
- [County Boundary](#)
- [Lakes](#)
- [Major Rivers](#)
- [Rivers and Streams](#)
- [Missouri River](#)
- [Mississippi River](#)
- [Municipal](#)

- Legend**
-  Interstate Highways
 -  US Highways
 -  State Highways
 -  Railroad
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 -  Missouri River
 -  Mississippi River
 -  Municipal



View Scale 1:24,000

DISCLAIMER: Although this map has been compiled by the Missouri Department of Natural Resources, no warranty, expressed or implied, is made by the department as to the data and related materials. The act of distribution shall not constitute any such warranty, and no responsibility is assumed by the department in the use of these data or related materials.



Missouri
Department of
Natural Resources

P.O. Box 176, Jefferson City, MO 65102
800-361-4827 / 573-751-3443
E-mail: contact@dnr.mo.gov

Kansas Resource Exploration and Development, LLC

Walton Lease, Cass County, MO

Sec 4, Twp 46N, Rng 33W

3/8/2013

<u>Lease Name</u>	<u>Well Number</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Well Type</u>
Walton	2W	N38 50' 40.93"	W94 34' 26.84"	Injector
Walton	3	N38 50' 35.93"	W94 34' 25.89"	Producer
Walton	3W	N38 50' 40.62"	W94 34' 22.84"	Injector
Walton	4W	N38 50' 34.15"	W94 34' 22.22"	Injector
Walton	5	N38 50' 33.88"	W94 34' 19.77"	Producer
Walton	5W	N38 50' 32.15"	W94 34' 21.23"	Producer
Walton	6	N38 50' 32.61"	W94 34' 23.49"	Producer
Walton	6W	N38 50' 28.69"	W94 34' 23.98"	Plugged
Walton	7	N38 50' 33.23"	W94 34' 28.30"	Producer
Walton	8	N38 50' 24.17"	W94 34' 20.66"	Plugged
Walton	8W	N38 50' 28.26"	W94 34' 14.54"	Plugged
Walton	9	N38 50' 35.66"	W94 34' 22.89"	Producer
Walton	10	N38 50' 25.14"	W94 34' 26.41"	Plugged
Walton	11	N38 50' 30.60"	W94 34' 30.95"	Plugged
Walton	12	N38 50' 24.17"	W94 34' 30.33"	Plugged
Walton	13	N38 50' 27.82"	W94 34' 26.02"	Plugged
Walton	14	N38 50' 30.04"	W94 34' 20.88"	Plugged
Walton	15	N38 50' 27.12"	W94 34' 29.56"	Plugged
Walton	16	N38 50' 30.37"	W94 34' 26.59"	Plugged
Walton	17	N38 50' 21.85"	W94 34' 28.17"	Plugged
Walton	18	N38 50' 21.78"	W94 34' 23.71"	Plugged
Walton	19	N38 50' 26.56"	W94 34' 23.12"	Plugged
Walton	20	N38 50' 22.55"	W94 34' 32.29"	Plugged
Walton	21W	N38 50' 40.33"	W94 34' 18.85"	Injector
Walton	22	N38 50' 29.85"	W94 34' 15.80"	Plugged
Walton	22W	N38 50' 37.36"	W94 34' 23.26"	Injector
Walton	23	N38 50' 37.50"	W94 34' 19.30"	Producer
Walton	23W	N38 50' 37.48"	W94 34' 27.06"	Injector
Walton	24	N38 50' 42.42"	W94 34' 24.63"	Producer
Walton	25	N38 50' 42.57"	W94 34' 28.64"	Producer
Walton	26	N38 50' 42.19"	W94 34' 20.71"	Producer
Walton	27	N38 50' 39.31"	W94 34' 28.84"	Producer
Walton	27W	N38 50' 26.22"	W94 34' 27.95"	Plugged
Walton	28	N38 50' 39.10"	W94 34' 24.95"	Producer
Walton	29	N38 50' 39.00"	W94 34' 20.91"	Producer
Walton	31	N38 50' 31.06"	W94 34' 12.68"	Producer
Walton	32	N38 50' 31.32"	W94 34' 16.67"	Producer
Walton	37	N38 50' 21.64"	W94 34' 13.40"	Plugged
Walton	42W	N38 50' 28.88"	W94 34' 28.07"	Plugged
Walton	KR-1	N38 50' 22.90"	W94 34' 43.06"	Approved
Walton	KR-2	N38 50' 22.40"	W94 34' 38.90"	Approved

<u>Well Class</u>	<u># of Wels</u>
Producers:	15
Injectors:	6
Abandoned:	0
Plugged:	18
Permitted:	12
Pending:	23
Total:	74

Walton	KR-3	N38 50' 22.20"	W94 34' 34.72"	Pending
Walton	KR-4	N38 50' 21.94"	W94 34' 30.56"	Pending
Walton	KR-5	N38 50' 21.74"	W94 34' 26.40"	Pending
Walton	KR-6	N38 50' 21.50"	W94 34' 22.22"	Approved
Walton	KR-7	N38 50' 21.31"	W94 34' 18.05"	Approved
Walton	KR-8	N38 50' 21.05"	W94 34' 13.89"	Approved
Walton	KR-9	N38 50' 25.65"	W94 34' 38.75"	Approved
Walton	KR-10	N38 50' 25.41"	W94 34' 34.57"	Pending
Walton	KR-11	N38 50' 25.07"	W94 34' 29.57"	Pending
Walton	KR-12	N38 50' 24.98"	W94 34' 26.24"	Pending
Walton	KR-13	N38 50' 24.74"	W94 34' 22.09"	Pending
Walton	KR-14	N38 50' 24.53"	W94 34' 17.87"	Approved
Walton	KR-15	N38 50' 24.28"	W94 34' 13.73"	Approved
Walton	KR-16	N38 50' 28.67"	W94 34' 34.31"	Approved
Walton	KR-17	N38 50' 28.44"	W94 34' 30.11"	Approved
Walton	KR-18	N38 50' 28.23"	W94 34' 25.97"	Pending
Walton	KR-19	N38 50' 28.00"	W94 34' 21.80"	Pending
Walton	KR-20	N38 50' 27.76"	W94 34' 17.63"	Approved
Walton	KR-21	N38 50' 27.57"	W94 34' 13.46"	Approved
Walton	KR-22	N38 50' 31.70"	W94 34' 29.89"	Pending
Walton	KR-23	N38 50' 31.48"	W94 34' 25.72"	Pending
Walton	KR-24	N38 50' 31.26"	W94 34' 21.54"	Pending
Walton	KR-25	N38 50' 31.02"	W94 34' 17.39"	Pending
Walton	KR-26	N38 50' 30.79"	W94 34' 13.21"	Pending
Walton	KR-27	N38 50' 34.97"	W94 34' 29.70"	Pending
Walton	KR-28	N38 50' 34.74"	W94 34' 25.55"	Pending
Walton	KR-29	N38 50' 34.53"	W94 34' 21.37"	Pending
Walton	KR-32	N38 50' 38.24"	W94 34' 29.50"	Pending
Walton	KR-33	N38 50' 38.00"	W94 34' 25.31"	Pending
Walton	KR-34	N38 50' 37.75"	W94 34' 21.13"	Pending
Walton	KR-35	N38 50' 41.48"	W94 34' 29.29"	Pending
Walton	KR-36	N38 50' 41.26"	W94 34' 25.13"	Pending
Walton	KR-37	N38 50' 41.03"	W94 34' 20.94"	Pending